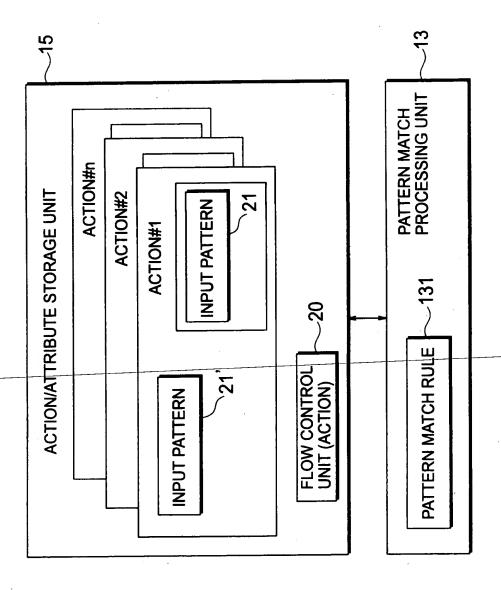
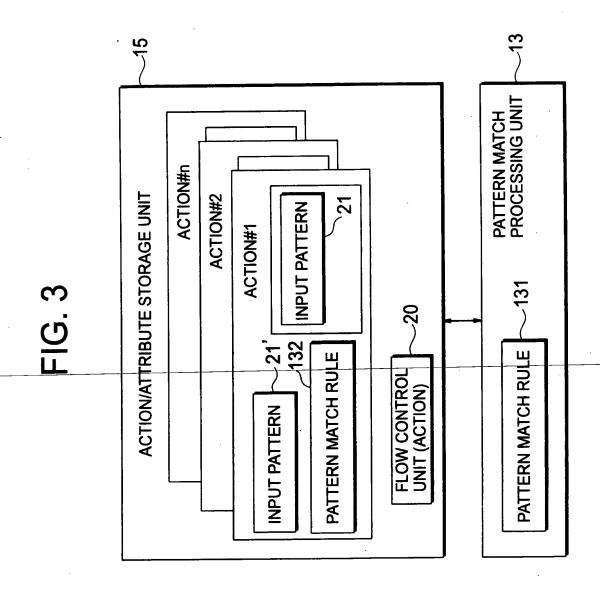


FIG. 2





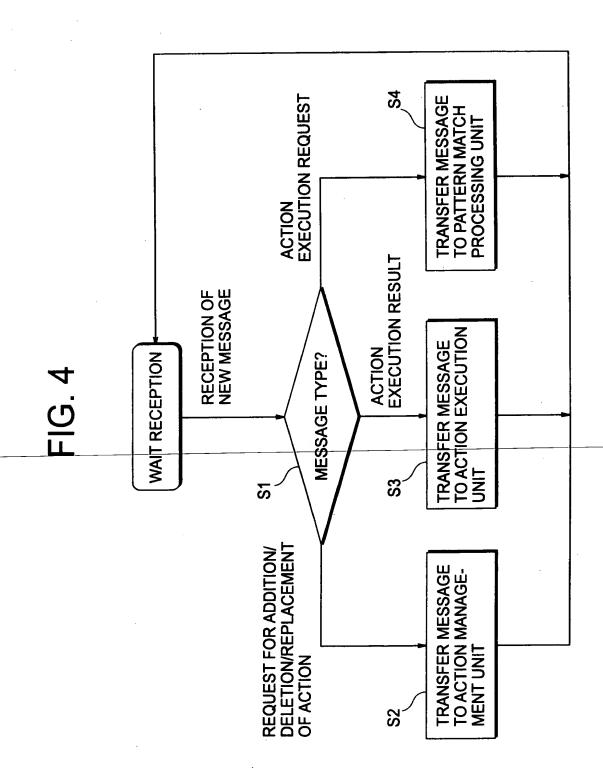


FIG. 5

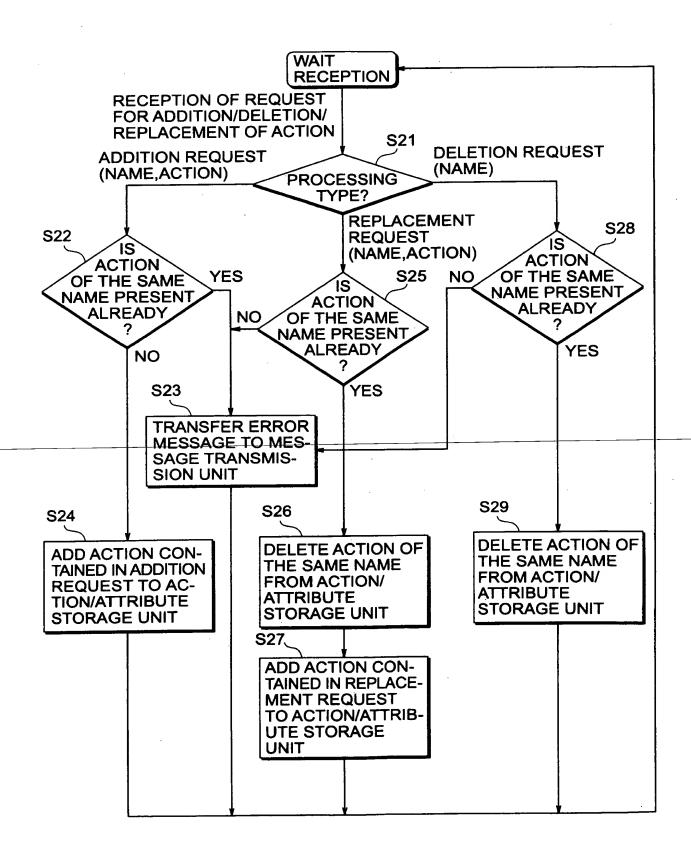
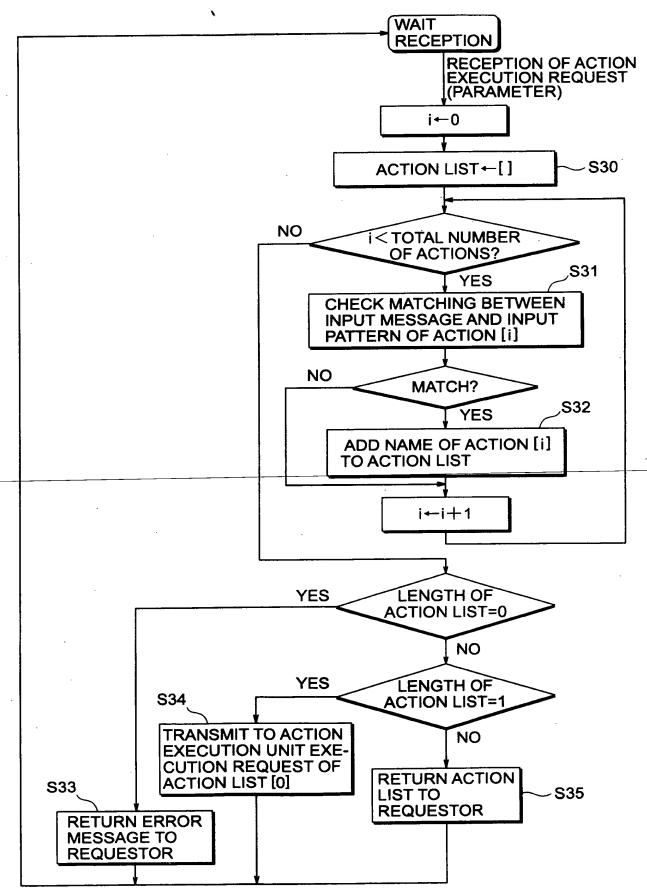


FIG. 6



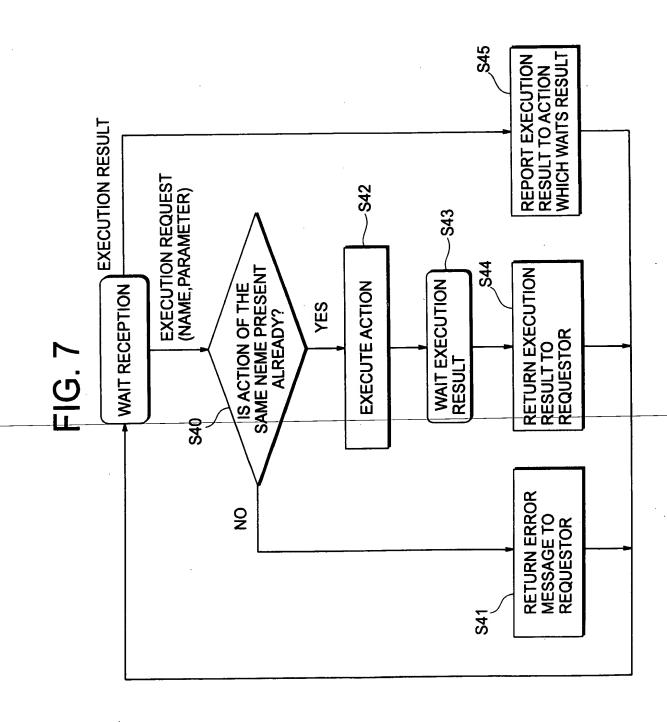
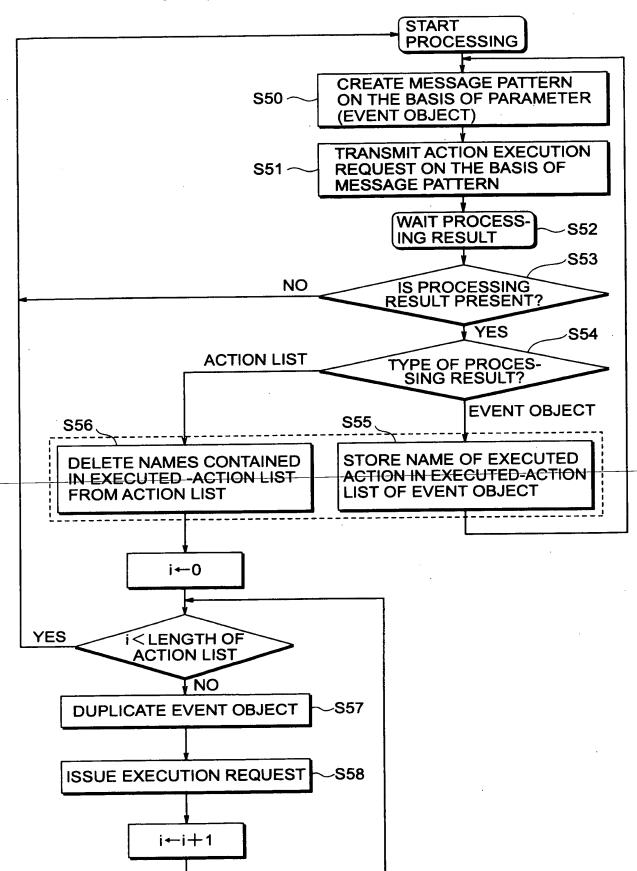


FIG. 8



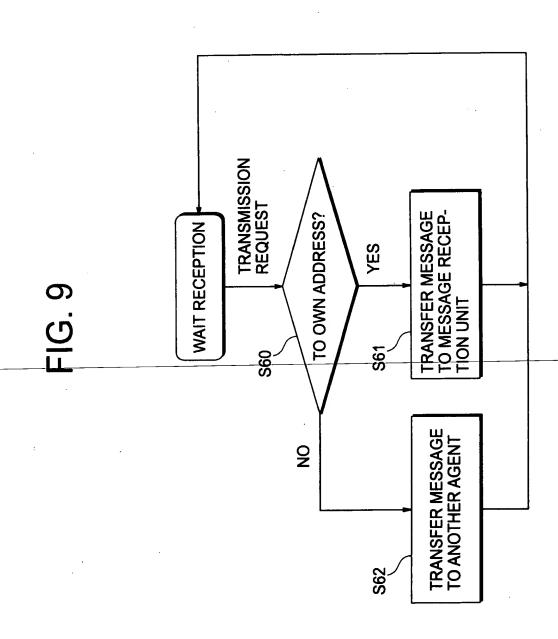


FIG. 10A

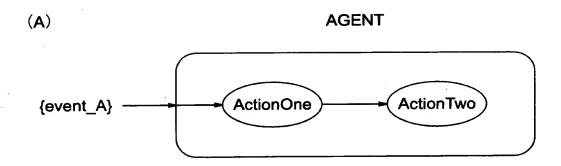


FIG. 10B

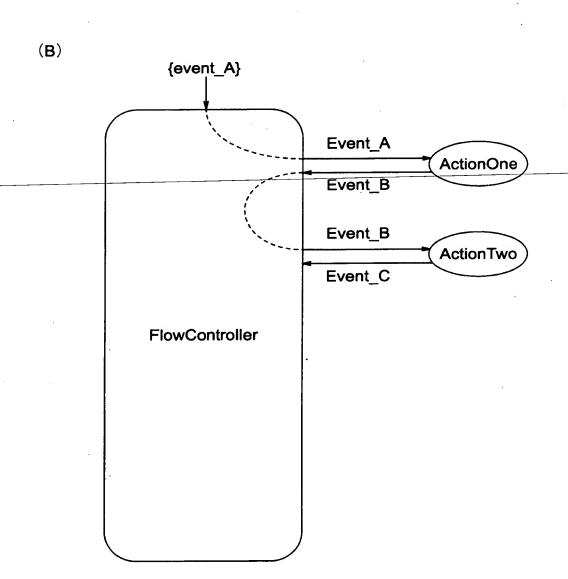


FIG. 11A

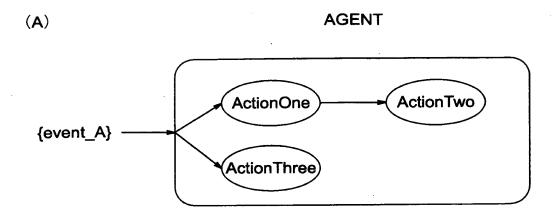


FIG. 11B

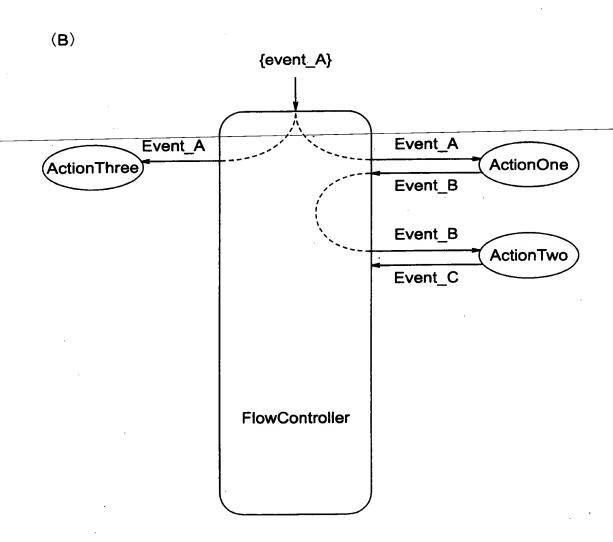


FIG. 12A

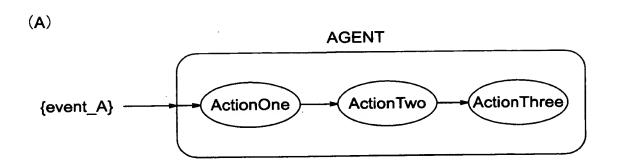


FIG. 12B

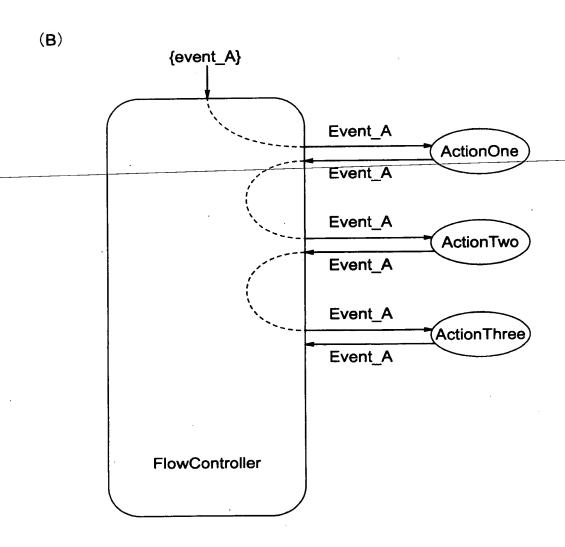


FIG. 13A

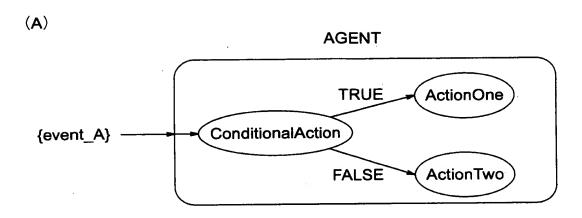
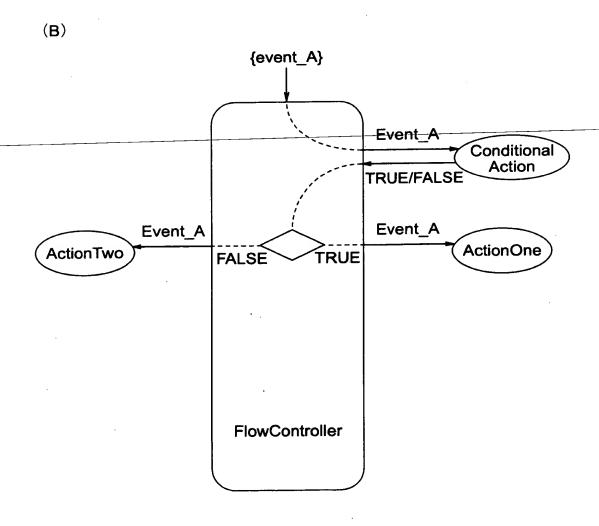


FIG. 13B



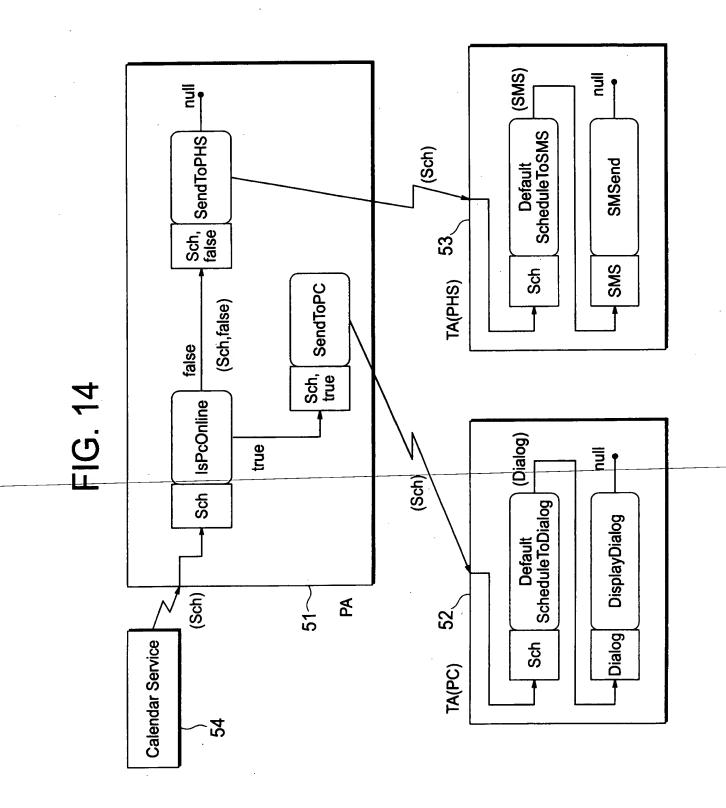


FIG. 15

Source object

```
void addEventListener(Listener 1){
    listeners.add(1);
}

void removeEventListener(Listener 1){
    listeners.remove(1);
}

//Runtive phase
while (true) {
    if (status_changed){
        Event ev=..... // prepare event
        for each listener in listener
        listener.action(ev);
    }
}

Vector listeners;
```

Listener object

void action(Event ev){	
:	
// Initialization phase	
Source s= // obtain	source rcfs.
s.addBarListeners(this)	· ,
:	

FIG. 16

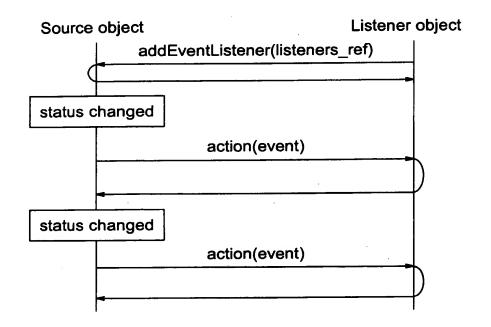


FIG. 17

Source agent	Listener agent	
void add (String name,Object value){ // add new attribute value or action }	void add (String name,Object value){ // add new attribute value or action }	
void remove (String name){ // remove an attribute value or action }	void remove (String name){ // remove an attribute value or action }	
void call (Object []message){ // select and execute the actions // that match the received message }	void call (Object []message){ // select and execute the action // that match the received message }	
attributes and Action Memory attributes actions "event.listeners" Hashtable	Attributes and Action Memory attributes actions "EventHandler" Action(Event) ()	

FIG. 18

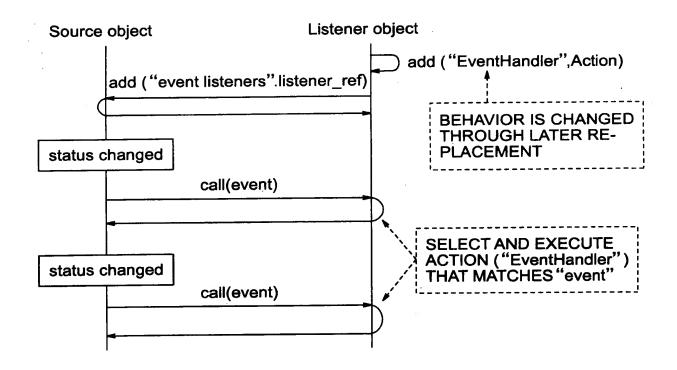


FIG. 19

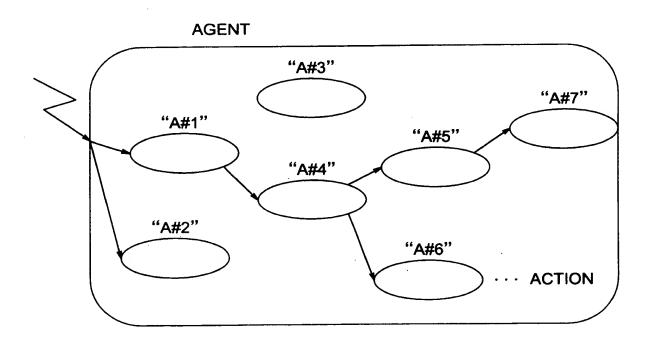


FIG. 20

